

Summary

- The invention refers to an enamel composition for producing reflecting dielectric layers in plasma display panels, comprising as layer forming constituents 70 to 97 % by wt. of a glass frit composition and 3 to 30 % by wt. of a particulate whitening material. The whitening material comprises one or more thermally deactivated white pigments, which have been made by a process comprising heating of at least one white pigment in the absence or presence of a glass frit having a softening temperature of less than 600 °C at a temperature of 600 to 1000 °C for 0,1 to 10 hours.

The invention further refers to a method for improving the wettability of white pigments by the above said thermal treatment.

- 15 The enamel is used for producing a reflecting white dielectric layer in plasma display panels.

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